## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau



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(43) International Publication Date 18 December 2003 (18.12.2003)

PCT

(10) International Publication Number WO 2003/104913 A3

(51) International Patent Classification7:

G06F 3/033

(21) International Application Number:

PCT/IB2003/002582

(22) International Filing Date:

4 June 2003 (04.06.2003)

(25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data:

0213219.9

8 June 2002 (08.06.2002) GB

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

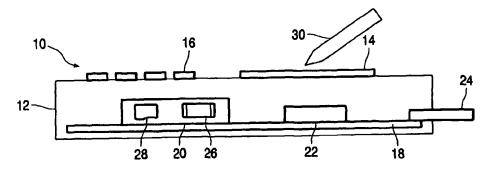
#### Published:

with international search report

(88) Date of publication of the international search report: 4 November 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TEXT ENTRY FOR ELECTRONIC DEVICE



(57) Abstract: An electronic device has a touch sensitive surface (14) for entering text. The text is stored in memory (20) in a vector graphics format, preferably without carrying out character recognition.

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  $IPC \ 7 \ G06F$ 

Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 249 606 B1 (DOBLER ERVIN ET AL) 19 June 2001 (2001-06-19) column 2, line 44 - line 50 column 2, line 59 - column 3, line 22 column 10, line 55 - line 57	1,5,9,10
<b>A</b> .	US 2001/045949 A1 (DEAGUIAR JOHN RICARDO ET AL) 29 November 2001 (2001-11-29) paragraphs '0058!, '0060!, '0063!, '0075! - '0078!, '0084!; claim 1	1-10
A	GB 2 348 337 A (NIPPON ELECTRIC CO) 27 September 2000 (2000-09-27) page 3, line 10 - line 18 page 5, line 20 - line 22 page 11, line 24 - page 12, line 5 page 16, line 24 - page 17, line 4	1-10

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<ul> <li>"E" earlier document but published on or after the International filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
20 July 2004	28/07/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Alonso y Goicolea, L

Information on patent family members

onal Application No
/IB 03/02582

Patent document cited in search report	Publication date	Patent family member(s)		Publication date :
US 6249606 B1	19-06-2001	AU 286949 EP 105516 JP 200250472 WO 994292	8 A1 2 T	06-09-1999 29-11-2000 12-02-2002 26-08-1999
US 2001045949 A1	29-11-2001	AT 24442 AU 771810 CA 238620 DE 6000372 DE 6000372 EP 124720 JP 200351863 W0 012781 US 667444 US 200200615 US 200201085	0 A 0 A1 5 D1 5 T2 9 A2 6 T 2 A2 5 B1 9 A1	15-07-2003 23-04-2001 19-04-2001 07-08-2003 22-04-2004 09-10-2002 10-06-2003 19-04-2001 06-01-2004 17-01-2002 24-01-2002
GB 2348337 A	27-09-2000	JP 200027839 CN 127046		06-10-2000 18-10-2000